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OM protein - protein search, using sw model

Run on: March 24, 2003, 16:08:10 ; Search time 16 Seconds

(without alignments)  
479,961 Million cell updates/sec

Title: US-09-988-971-2

Perfect score: 261  
Sequence: 1 MGSLPSRRKSLPSPSLSSSV.....RESLPYISLNDKAVSLDDA 261

Scoring table: OLIGO  
Gapco 60.0 , Gapext 60.0

Searched: 262574 seqs, 29422922 residues

Word size : 0

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 100 summaries

Database :

Issued Patente AA:\*  
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2: /cgn2\_6/prodata/2/1aa/5B COMB.pep:\*  
3: /cgn2\_6/prodata/2/1aa/6A COMB.pep:\*  
4: /cgn2\_6/prodata/2/1aa/6B COMB.pep:\*  
5: /cgn2\_6/prodata/2/1aa/6CTUS COMB.pep:\*  
6: /cgn2\_6/prodata/2/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	3.4	423	2	US-08-955-713-2
2	8	3.1	98	2	US-08-479-078-3
3	8	3.1	98	2	US-08-479-078-6
4	8	3.1	98	2	US-08-479-078-7
5	8	3.1	99	1	US-08-202-389-35
6	8	3.1	99	1	US-08-167-035-44
7	8	3.1	99	1	US-08-208-887A-44
8	8	3.1	99	2	US-08-539-005-44
9	8	3.1	99	4	US-09-280-598-32
10	8	3.1	107	1	US-08-202-389-32
11	8	3.1	183	1	US-08-167-035-33
12	8	3.1	183	1	US-08-208-887A-33
13	8	3.1	183	2	US-08-539-005-33
14	8	3.1	183	2	US-08-280-598-35
15	8	3.1	217	1	US-08-167-035-6
16	8	3.1	217	1	US-08-208-887A-6
17	8	3.1	217	2	US-08-539-005-6
18	8	3.1	217	2	US-08-815-176-3
19	8	3.1	217	2	US-08-815-176-4
20	8	3.1	217	4	US-08-664-962B-6
21	8	3.1	217	4	US-09-311-743-6
22	8	3.1	217	4	US-09-280-598-6
23	8	3.1	217	4	US-09-197-344-3
24	8	3.1	217	4	US-09-197-344-4
25	8	3.1	359	4	US-09-347-798-12
26	8	3.1	454	1	US-08-259-264-2
27	8	3.1	505	4	US-08-426-509A-17

28	8	3.1	505	5	PCT-US95-05008-17	Sequence 17, Appl
29	8	3.1	512	4	US-08-426-509A-16	Sequence 16, Appl
30	8	3.1	512	5	PCT-US95-05008-16	Sequence 16, Appl
31	8	3.1	529	4	US-08-426-509A-15	Sequence 15, Appl
32	8	3.1	529	5	PCT-US95-05008-15	Sequence 15, Appl
33	8	3.1	532	1	US-08-594-447-1	Sequence 1, Appl
34	8	3.1	532	2	US-08-665-647-1	Sequence 1, Appl
35	8	3.1	801	1	US-07-906-349A-6	Sequence 1, Appl
36	8	3.1	801	2	US-08-966-659B-30	Sequence 30, Appl
37	8	2.7	24	4	US-08-734-607B-17	Sequence 17, Appl
38	8	2.7	58	4	US-08-905-223-449	Sequence 449, App
39	7	2.7	259	2	US-08-978-404B-10	Sequence 10, Appl
40	7	2.7	278	3	US-08-522-813-4	Sequence 4, Appl
41	7	2.7	286	4	US-08-858-207A-331	Sequence 331, App
42	7	2.7	283	1	US-08-446-325-5	Sequence 5, Appl
43	7	2.7	283	2	US-09-146-331-5	Sequence 5, Appl
44	7	2.7	283	2	US-08-896-885-5	Sequence 5, Appl
45	7	2.7	293	4	US-09-375-256-5	Sequence 5, Appl
46	7	2.7	293	4	US-09-561-756-21	Sequence 21, Appl
47	7	2.7	293	4	US-09-227-721-21	Sequence 21, Appl
48	7	2.7	293	4	US-08-983-502-31	Sequence 31, Appl
49	7	2.7	293	4	US-09-376-156-5	Sequence 5, Appl
50	7	2.7	293	5	PCT-US96-10521-31	Sequence 31, Appl
51	7	2.7	300	4	US-09-361-756-36	Sequence 36, Appl
52	7	2.7	300	4	US-09-227-721-36	Sequence 36, Appl
53	7	2.7	365	1	US-08-089-755A-5	Sequence 5, Appl
54	7	2.7	365	1	US-08-421-754-5	Sequence 5, Appl
55	7	2.7	365	2	US-08-421-791-5	Sequence 5, Appl
56	7	2.7	365	2	US-08-851-088A-4	Sequence 4, Appl
57	7	2.7	365	4	US-08-851-089-10	Sequence 10, Appl
58	7	2.7	368	4	US-09-134-001C-5523	Sequence 5523, Ap
59	7	2.7	443	4	US-09-155-855-1	Sequence 1, Appl
60	7	2.7	443	4	US-09-155-855-2	Sequence 1, Appl
61	7	2.7	443	4	US-09-543-744-1	Sequence 1, Appl
62	7	2.7	443	4	US-09-543-744-2	Sequence 2, Appl
63	7	2.7	467	4	US-09-155-855-3	Sequence 3, Appl
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65	7	2.7	547	2	US-08-785-110A-6	Sequence 6, Appl
66	7	2.7	547	2	US-09-367-206-20	Sequence 20, Appl
67	7	2.7	723	4	US-09-367-206-5	Sequence 5, Appl
68	7	2.7	762	2	US-08-907-166-10	Sequence 10, Appl
69	7	2.7	788	2	US-07-728-215-27	Sequence 27, Appl
70	7	2.7	788	4	US-08-938-085A-27	Sequence 27, Appl
71	7	2.7	816	2	US-08-267-803B-9	Sequence 9, Appl
72	7	2.7	816	4	US-09-041-886-17	Sequence 17, Appl
73	7	2.7	1187	1	US-08-201-697-2	Sequence 2, Appl
74	7	2.7	1188	1	US-08-201-697-4	Sequence 4, Appl
75	7	2.7	2842	1	US-07-741-940-7	Sequence 7, Appl
76	7	2.7	2842	1	US-08-289-548A-7	Sequence 7, Appl
77	7	2.7	2842	1	US-08-452-654-7	Sequence 7, Appl
78	7	2.7	2843	4	US-08-449-731-7	Sequence 7, Appl
79	7	2.7	2843	4	US-07-741-940-2	Sequence 2, Appl
80	7	2.7	2843	1	US-08-289-548A-2	Sequence 2, Appl
81	7	2.7	2843	1	US-08-452-654-2	Sequence 2, Appl
82	7	2.7	2843	1	US-08-452-655B-2	Sequence 2, Appl
83	7	2.7	2843	2	US-08-452-655B-2	Sequence 2, Appl
84	7	2.7	2843	3	US-08-370-235A-2	Sequence 2, Appl
85	7	2.7	2843	3	US-08-450-582-2	Sequence 2, Appl
86	7	2.7	2843	3	US-08-450-582-7	Sequence 7, Appl
87	7	2.7	2843	4	US-08-449-731-2	Sequence 2, Appl
88	7	2.7	2843	4	US-08-821-355A-7	Sequence 7, Appl
89	7	2.7	293	2	US-09-003-687A-7	Sequence 7, Appl
90	7	2.7	293	2	US-09-136-605-7	Sequence 7, Appl
91	6	2.3	6	3	US-08-472-595-19	Sequence 19, Appl
92	6	2.3	6	3	US-08-207-575A-20	Sequence 20, Appl
93	6	2.3	6	3	US-08-246-441-4	Sequence 4, Appl
94	6	2.3	6	3	US-08-340-283-72	Sequence 72, Appl
95	6	2.3	12	3	US-08-844-978-11	Sequence 11, Appl
96	6	2.3	12	3	US-08-844-978-14	Sequence 14, Appl
97	6	2.3	13	1	US-08-218-025A-197	Sequence 197, App
98	6	2.3	13	4	US-08-908-371B-9	Sequence 9, Appl
99	6	2.3	18	1	US-07-941-651-4	Sequence 4, Appl
100	6	2.3	18	1	US-08-219-996-4	Sequence 4, Appl

## ALIGNMENTS

```
RESULT 1
US-08-955-713-2
Sequence 2, Application US/08955713
Patent No. 595308
GENERAL INFORMATION:
APPLICANT: SATHI, GANESH
APPLICANT: MOONEY, JEFFREY
APPLICANT: BERGMA, DEBK
APPLICANT: HALSEY, WENDY
TITLE OF INVENTION: CDNA CLONE HE04D54 THAT ENCODES A HUMAN 7-TRANS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: RATNER & PRESTIA
STREET: P.O. BOX 980
CITY: VALLEY FORGE
STATE: PA
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/955,713
FILING DATE: 23-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/050,124
FILING DATE: 18-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GH-70087
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
TELEFAX: 610-407-0701
TELEX: 846169
GENERAL INFORMATION:
APPLICANT: Pawson, Anthony
TITLE OF INVENTION: Method for Assaying for a Substance that
Affects an SH2-Phosphorylated Ligand Regulatory System
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESS: Bereskin & Parr
STREET: 40 King Street, West
US-08-955-713-2
Query Match 3.4%; Score 9; DB 2; Length 423;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 12 PPSLSVSV 20
DB 48 PPSLSVSV 56
RESULT 2
US-08-479-078-3
Sequence 3, Application US/08479078
Patent No. 581466
GENERAL INFORMATION:
APPLICANT: Pawson, Anthony
TITLE OF INVENTION: Method for Assaying for a Substance that
Affects an SH2-Phosphorylated Ligand Regulatory System
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESS: Bereskin & Parr
STREET: 40 King Street, West
```

```

CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,078
FILING DATE: June 6, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Linda M. Kurdzyk
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 364-7311
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 98 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-479-078-3
Query Match 3.1%; Score 8; DB 2; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 116 GAFLRES 123
DB 23 GAFLRES 30
RESULT 3
US-08-479-078-6
Sequence 6, Application US/08479078
Patent No. 581466
GENERAL INFORMATION:
APPLICANT: Pawson, Anthony
TITLE OF INVENTION: Method for Assaying for a Substance that
Affects an SH2-Phosphorylated Ligand Regulatory System
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESS: Bereskin & Parr
STREET: 40 King Street, West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,078
FILING DATE: June 6, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Linda M. Kurdzyk
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 364-7311
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 98 amino acids
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TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-479-078-6

Query Match 3.1%; Score 8; DB 2; Length 98;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 116 GAFLIRES 123  
Db 23 GAFLIRES 30

RESULT 4  
US-08-479-078-7  
Sequence 7, Application US/08479078  
Patent No. 5814466

GENERAL INFORMATION:  
APPLICANT: Rawson, Anthony  
TITLE OF INVENTION: Method for Assaying for a Substance that  
Affects an SH2-Phosphorylated Ligand Regulatory System  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bereskin & Parr  
STREET: 40 King Street, West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479,078  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Linda M. Kudrydyk  
REGISTRATION NUMBER: 34,971  
REFERENCE/DOCKET NUMBER: 3153-154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 98 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
US-08-479-078-7

Query Match 3.1%; Score 8; DB 2; Length 98;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 128 GSYSLSVR 135  
Db 35 GSYSLSVR 42

RESULT 5  
US-08-202-389-35  
Sequence 35, Application US/08202389  
Patent No. 5536636  
GENERAL INFORMATION:  
APPLICANT: Freeman Jr., Robert M.  
APPLICANT: Plutsky, Jorge  
APPLICANT: Neel, Benjamin G.

APPLICANT: Rosenberg, Robert D.  
TITLE OF INVENTION: IDENTIFICATION OF NOVEL TYROSINE  
TITLE OF INVENTION: PHOSPHATASES HAVING SH2 DOMAINS  
NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: MA  
COUNTRY: USA  
ZIP: 02173

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/202,389  
FILING DATE: 28-FEB-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/983,926  
FILING DATE: 01-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/829,141  
FILING DATE: 31-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/721,112  
FILING DATE: 26-JUN-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: 81H92-05MA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-9540  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 99 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-202-389-35

Query Match 3.1%; Score 8; DB 1; Length 99;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 116 GAFLIRES 123  
Db 23 GAFLIRES 30

RESULT 6  
US-08-167-035-44  
Sequence 44, Application US/08167035  
Patent No. 5616631  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
TITLE OF INVENTION: KINASES AND NOVEL TARGET PROTEINS  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/167,035  
FILING DATE: 16-DEC-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 99 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-167-035-44

Query Match 3.1%; Score 8; DB 1; Length 99;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFIRES 123  
DB 22 GAFIRES 29

RESULT 7  
US-08-887A-44  
Sequence 44, Application US/08208887A  
Patent No. 5677421  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
KINASES AND NOVEL TARGET PROTEINS  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
KINASES AND NOVEL TARGET PROTEINS  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/208,887A  
FILING DATE: 11-MAR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-063  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 99 amino acids  
TYPE: amino acid

TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-208-887A-44

Query Match 3.1%; Score 8; DB 1; Length 99;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFIRES 123  
DB 22 GAFIRES 29

RESULT 8  
US-08-539-005-44  
Sequence 44, Application US/08539005  
Patent No. 585866  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
KINASES AND NOVEL TARGET PROTEINS  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
KINASES AND NOVEL TARGET PROTEINS  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/539,005  
FILING DATE: 4-OCT-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/167,035  
FILING DATE: 16-DEC-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 99 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-539-005-44

Query Match 3.1%; Score 8; DB 2; Length 99;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFIRES 123  
DB 22 GAFIRES 29

RESULT 9  
US-09-280-598-41  
Sequence 41, Application US/09280598

Patent No. 6391584  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnik, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
APPLICANT: App, Harold  
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR  
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,598  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/252,820  
FILING DATE: 02-JUN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-067  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 99 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-09-280-598-41  
  
Query Match 3.1%; Score 8; DB 4; Length 99;  
Best Local Similarity 100.0%; Pred. No. 3.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 116 GAFLIRES 123  
DB 22 GAFLIRES 29  
  
RESULT 10  
US-08-202-389-32  
Sequence 32, Application US/08202389  
Patent No. 5536636  
GENERAL INFORMATION:  
APPLICANT: Freeman Jr., Robert M.  
APPLICANT: Plutsky, Jorge  
APPLICANT: Neel, Benjamin G.  
APPLICANT: Rosenberg, Robert D.  
TITLE OF INVENTION: IDENTIFICATION OF NOVEL TYROSINE  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Millitia Drive  
CITY: Lexington  
STATE: MA  
COUNTRY: USA  
ZIP: 02173

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/202,389  
FILING DATE: 28-FEB-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/983,926  
FILING DATE: 01-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/829,141  
FILING DATE: 31-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/721,112  
FILING DATE: 26-JUN-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: B192-05WA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-5240  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-202-389-32  
  
Query Match 3.1%; Score 8; DB 1; Length 107;  
Best Local Similarity 100.0%; Pred. No. 3.6;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 116 GAFLIRES 123  
DB 23 GAFLIRES 30  
  
RESULT 11  
US-08-167-035-33  
Sequence 33, Application US/08167035  
Patent No. 5618691  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnik, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/167,035  
FILING DATE: 16-DEC-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 183 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-167-035-33

Query Match 3.1%; Score 8; DB 1; Length 183;  
Best Local Similarity 100.0%; Pred. No. 6;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 116 GAFLIRES 123  
Db 51 GAFLIRES 58

RESULT 12  
US-08-208-887A-33  
Sequence 33, Application US/08208887A  
Patent No. 5677421  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSER: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/208,887A  
FILING DATE: 11-MAR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-063  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 183 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-208-887A-33

Query Match 3.1%; Score 8; DB 1; Length 183;  
Best Local Similarity 100.0%; Pred. No. 6;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 116 GAFLIRES 123  
Db 51 GAFLIRES 58

RESULT 13  
US-08-539-005-33  
Sequence 33, Application US/08539005  
Patent No. 5858686  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSER: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/539,005  
FILING DATE: 4-OCT-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/167,035  
FILING DATE: 16-DEC-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 183 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide  
US-08-539-005-33

Query Match 3.1%; Score 8; DB 2; Length 183;  
Best Local Similarity 100.0%; Pred. No. 6;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 116 GAFLIRES 123  
Db 51 GAFLIRES 58

RESULT 14  
US-09-280-598-35  
Sequence 35, Application US/09280598  
Patent No. 6391584  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,598  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/252,820  
FILING DATE: 02-JUN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-067  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 183 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-09-280-598-35

Query Match  
Best Local Similarity 100.0%; Pred. No. 6;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFLIRES 123  
|||||  
DB 51 GAFLIRES 58

RESULT 15  
US-08-167-035-6  
Sequence 6, Application US/08167035  
Patent No. 5618691  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
TITLE OF INVENTION: KINASES AND NOVEL TARGET PROTEINS  
NUMBER OF SEQUENCES: 50  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/167,035  
FILING DATE: 16-DEC-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-167-035-6

Query Match  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFLIRES 123  
|||||  
DB 81 GAFLIRES 88

RESULT 16  
US-08-208-887A-6  
Sequence 6, Application US/08208887A  
Patent No. 5677421  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnick, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
TITLE OF INVENTION: KINASES AND NOVEL TARGET PROTEINS  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: 10036-2711  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/208,887A  
FILING DATE: 11-MAR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-063  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-08-208-887A-6

Query Match  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFLIRES 123  
|||||

Db 81 GAFIRES 88

```

RESULT 17
US-08-539-005-6
; Sequence 6, Application US/08539005
; Patent No. 5858686
; GENERAL INFORMATION:
; APPLICANT: Schlessinger, Joseph
; APPLICANT: Skolnick, Edward Y.
; APPLICANT: Margolis, Benjamin L.
; TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR
; TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE
; TITLE OF INVENTION: KINASES AND NOVEL TARGET PROTEINS
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: 10036-2711
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/539,005
; FILING DATE: 4-OCT-1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/167,035
; FILING DATE: 16-DEC-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELETYPE: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-539-005-6

Query Match 3.1%; Score 8; DB 2; Length 217;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 116 GAFIRES 123
Db 81 GAFIRES 88

RESULT 18
US-08-815-176-3
; Sequence 3, Application US/08815176
; Patent No. 5874224
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Diegidio, Tony
; TITLE OF INVENTION: NOVEL EGF RECEPTOR BINDING PROTEIN
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto

```

```

; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,176
; FILING DATE: Filed Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0236 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 181976
US-08-815-176-3

Query Match 3.1%; Score 8; DB 2; Length 217;
Best Local Similarity 100.0%; Pred. No. 7.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 116 GAFIRES 123
Db 81 GAFIRES 88

RESULT 19
US-08-815-176-4
; Sequence 4, Application US/08815176
; Patent No. 5874224
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Diegidio, Tony
; TITLE OF INVENTION: NOVEL EGF RECEPTOR BINDING PROTEIN
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,176
; FILING DATE: Filed Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0236 US

```



TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
IMMEDIATE SOURCE:  
LIBRARY: Genbank  
CLONE: 55763  
US-08-815-176-4

Query Match 3.1%; Score 8; DB 2; Length 217;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 116 GAFLIRES 123  
|||||  
DB 81 GAFLIRES 88

RESULT 20  
US-08-664-962B-6  
Sequence 6, Application US/08664962B  
Patent No. 6218162  
GENERAL INFORMATION:  
APPLICANT: KRYSTAL, Gerald  
TITLE OF INVENTION: SH2-CONTAINING INOSITOL-PHOSPHATASE  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MERCHANT & GOULD  
STREET: 3100 No. 6218162west Center, 90 South Seventh Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: U.S.A.  
ZIP: 55402-4131  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/664,962B  
FILING DATE: 14-JUN-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mueller, Douglas P.  
REGISTRATION NUMBER: 30,300  
REFERENCE/DOCKET NUMBER: M&G 7933.49-US-01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-332-5300  
TELEFAX: 612-332-9081  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-664-962B-6

Query Match 3.1%; Score 8; DB 4; Length 217;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 116 GAFLIRES 123  
|||||  
DB 81 GAFLIRES 88

RESULT 21

US-09-311-743-6  
Sequence 6, Application US/09311743  
Patent No. 6238903  
GENERAL INFORMATION:  
APPLICANT: KRYSTAL, Gerald  
TITLE OF INVENTION: SH2-CONTAINING INOSITOL-PHOSPHATASE  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSER: BERESKIN & PARR  
STREET: 40 King Street West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/311,743  
FILING DATE: 14-May-1999  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Gravelle, Michelle  
REGISTRATION NUMBER: 40,261  
REFERENCE/DOCKET NUMBER: 7771-32  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 416-364-7311  
TELEFAX: 416-361-1398  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-311-743-6

Query Match 3.1%; Score 8; DB 4; Length 217;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 116 GAFLIRES 123  
|||||  
DB 81 GAFLIRES 88

RESULT 22  
US-09-280-598-6  
Sequence 6, Application US/09280598  
Patent No. 6391584  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnik, Edward Y.  
APPLICANT: Margolis, Benjamin L.  
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR  
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
KINASES AND NOVEL TARGET PROTEINS  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,598  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/252,820  
FILING DATE: 02-JUN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-067  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
US-09-280-598-6

Query Match 3.1%; Score 8; DB 4; Length 217;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 116 GAFIIRS 123  
DB 81 GAFIIRS 88

RESULT 23  
US-09-197-344-3  
Sequence 3, Application US/09197344  
Patent No. 6417329  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga  
APPLICANT: Diegidio, Tony  
TITLE OF INVENTION: NOVEL EGF RECEPTOR BINDING PROTEIN  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Dr.  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/197,344  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/815,176  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0236 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-845-0555  
TELEFAX: 415-845-4166  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 181976  
US-09-197-344-3

Query Match 3.1%; Score 8; DB 4; Length 217;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 116 GAFIIRS 123  
DB 81 GAFIIRS 88

RESULT 24  
US-09-197-344-4  
Sequence 4, Application US/09197344  
Patent No. 6417329  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga  
APPLICANT: Diegidio, Tony  
TITLE OF INVENTION: NOVEL EGF RECEPTOR BINDING PROTEIN  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Dr.  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/197,344  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/815,176  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0236 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-845-0555  
TELEFAX: 415-845-4166  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 217 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 55763  
US-09-197-344-4

Query Match 3.1%; Score 8; DB 4; Length 217;  
Best Local Similarity 100.0%; Pred. No. 7.1;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 116 GAFIIRS 123  
DB 81 GAFIIRS 88

RESULT 25  
US-09-347-798-12  
Sequence 12, Application US/09347798  
Patent No. 6242256

GENERAL INFORMATION:  
APPLICANT: Cahoon, Edgar B.  
APPLICANT: Hitz, William D.  
APPLICANT: Ratajski, Antoni  
TITLE OF INVENTION: Ornithine Biosynthesis Enzymes  
FILE REFERENCE: BB-1174-B  
CURRENT APPLICATION NUMBER: US/09/347,798  
CURRENT FILING DATE: 1999-07-02  
EARLIER APPLICATION NUMBER: 60/093,209  
EARLIER FILING DATE: July 17, 1998  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: Microsoft Office 97  
SEQ ID NO 12  
LENGTH: 359  
TYPE: PRT  
ORGANISM: Zea mays  
FEATURE:  
NAME/KEY: UNSURE  
LOCATION: (288)  
US-09-347-798-12

Query Match 3.1%; Score 8; DB 4; Length 359;  
Best Local Similarity 100.0%; Pred. No. 12;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 15 SLSSVOG 22  
Db 191 SLSSVOG 198

RESULT 26  
US-08-259-264-2  
Sequence 2, Application US/08259264  
Patent No. 5650293  
GENERAL INFORMATION:  
APPLICANT: White, Morris F.  
TITLE OF INVENTION: PD60PIK: A DOWNSTREAM ELEMENT IN INSULIN SIGNALING  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 STATE STREET, SUITE 510  
CITY: BOSTON  
STATE: MASSACHUSETTS  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/259,264  
FILING DATE: 10-JUN-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Myers, Louis  
REGISTRATION NUMBER: 35,965  
REFERENCE/DOCKET NUMBER: JDP-021  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 454 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-259-264-2

Query Match 3.1%; Score 8; DB 1; Length 454;  
Best Local Similarity 100.0%; Pred. No. 15;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 116 GAFLRES 123  
Db 371 GAFLRES 378

RESULT 27  
US-08-426-509A-17  
Sequence 17, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ulrich, Axel  
APPLICANT: Gshizsky, Mikhail  
APPLICANT: Sures, Itman G.  
TITLE OF INVENTION: NOVEL MEKANARYOTIC PROTEIN  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,545  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-0074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 505 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
US-08-426-509A-17

Query Match 3.1%; Score 8; DB 4; Length 505;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 128 GSYSLSVR 135  
Db 157 GSYSLSVR 164

RESULT 28  
PCT-US95-05008-17  
Sequence 17, Application PC/TUS9505008  
GENERAL INFORMATION:  
APPLICANT: Sugen, Inc.  
APPLICANT: 515 Galveston Drive  
APPLICANT: Redwood City, California 94063-4720  
APPLICANT: United States of America  
APPLICANT: Wissenschaften E.V.  
APPLICANT: Hofgarten Str. 2  
APPLICANT: Munchen 80539  
APPLICANT: Germany

TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)790-9090  
TELEFAX: (212)869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 505 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
PCT-US95-05008-17  
Query Match 3.1%; Score 8; DB 5; Length 505;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 128 GSYSLSVR 135  
Db 157 GSYSLSVR 164  
RESULT 29  
US-08-426-509A-16  
Sequence 16, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ullrich, Axel  
APPLICANT: Gishitzky, Mikhail  
APPLICANT: Sures, Imran G.  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN  
TITLE OF INVENTION: TYROSINE KINASES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 512 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: No. 6326469e  
PCT-US95-05008-16  
Query Match 3.1%; Score 8; DB 4; Length 512;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 116 GAFLIRRS 123  
Db 151 GAFLIRRS 158  
RESULT 30  
PCT-US95-05008-16  
Sequence 16, Application PC/TUS9505008  
GENERAL INFORMATION:  
APPLICANT: Sugen, Inc.  
APPLICANT: 515 Galveston Drive  
APPLICANT: Redwood City, California 94063-4720  
APPLICANT: United States of America  
APPLICANT: Wissenschaften E.V.  
APPLICANT: Hofgarten Str. 2  
APPLICANT: Munchen 80539  
APPLICANT: Germany  
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine  
TITLE OF INVENTION: Kinases  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)790-9090

TELEFAX: (212)869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 512 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
PCT-US95-05008-16

Query Match 3.1%; Score 8; DB 5; Length 512;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFIRES 123  
|||||  
DB 151 GAFIRES 158

RESULT 31  
US-08-426-509A-15  
Sequence 15, Application US/08426509A  
Patent No. 6326469  
GENERAL INFORMATION:  
APPLICANT: Ulrich, Axel  
APPLICANT: Gishinsky, Mikhail  
APPLICANT: Sures, Irman G.  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN  
TITLE OF INVENTION: TYROSINE KINASES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York,  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/426,509A  
FILING DATE: 21-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/232,545  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-0074-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 529 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: No. 6326469e  
US-08-426-509A-15

Query Match 3.1%; Score 8; DB 4; Length 529;  
Best Local Similarity 100.0%; Pred. No. 17;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 116 GAFIRES 123  
|||||

DB 166 GAFIRES 173

RESULT 32  
PCT-US95-05008-15  
Sequence 15, Application PC/TUS9505008  
GENERAL INFORMATION:  
APPLICANT: Sugen, Inc.  
APPLICANT: 515 Galveston Drive  
APPLICANT: Redwood City, California 94063-4720  
APPLICANT: United States of America  
APPLICANT: Wissenschaften E.V.  
APPLICANT: Hofgarten Str. 2  
APPLICANT: Munchen 80539  
TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine  
TITLE OF INVENTION: Kinases  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05008  
FILING DATE: 24-APR-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/232,545  
FILING DATE: 22-APR-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7683-074  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212)869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 529 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
PCT-US95-05008-15

Query Match 3.1%; Score 8; DB 5; Length 529;  
Best Local Similarity 100.0%; Pred. No. 17;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFIRES 123  
|||||  
DB 166 GAFIRES 173

RESULT 33  
US-08-594-447-1  
Sequence 1, Application US/08594447  
Patent No. 5776716  
GENERAL INFORMATION:  
APPLICANT: Ron, Dorit  
APPLICANT: Napolitano, Eugene W.  
APPLICANT: Voronova, Anna F.  
TITLE OF INVENTION: METHODS FOR IDENTIFYING AGENTS WHICH

```

; TITLE OF INVENTION: BLOCKTHE INTERACTION OF FYN WITH PKC-THETA, AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Avenue, NW - Ste. 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/594,447
; FILING DATE: 31-JAN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 22550-20025.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 822-0168
; TELEX: 90-4030 MRSNFORSMH
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 532 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-594-447-I

Query Match 3.1%; Score 8; DB 1; Length 532;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 118 FLIRESQT 125
Db 172 FLIRESQT 179

RESULT 34
; US-08-665-647-I
; Sequence 1, Application US/08665647
; Patent No. 5935803
; GENERAL INFORMATION:
; APPLICANT: Dasquez, Nicki J.
; APPLICANT: Ron, Dorit
; APPLICANT: Voronova, Anna F.
; APPLICANT: Napolitano, Eugene W.
; TITLE OF INVENTION: METHODS TO IDENTIFY IMMUNOMODULATORS
; TITLE OF INVENTION: USING COGNATE INTERACTION OF PKC-THETA
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Avenue, NW - Ste. 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,647
; FILING DATE: 18-JUN-1996
; CLASSIFICATION: 435
```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 22550-20025.25
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 822-0168
; TELEX: 90-4030 MRSNFORSMH
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 532 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1002
; US-08-665-647-1

Query Match 3.1%; Score 8; DB 2; Length 532;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 118 FLIRESQT 125
Db 172 FLIRESQT 179

RESULT 35
; US-07-906-349A-6
; Sequence 6, Application US/07906349A
; Patent No. 5434064
; GENERAL INFORMATION:
; APPLICANT: Schlessinger, Joseph
; APPLICANT: Skolnik, Edward Y.
; APPLICANT: Margolis, Benjamin L.
; TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR
; TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES
; TITLE OF INVENTION: TARGET PROTEINS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Broadway and Neimark
; STREET: 419 Seventh Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/906,349A
; FILING DATE: 30-JUN-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/643,237
; FILING DATE: 18-JAN-1991
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 801 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-07-906-349A-6

Query Match 3.1%; Score 8; DB 1; Length 801;
```

Best Local Similarity 100.0%; Pred. No. 25;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 116 GAFLIRS 123  
|||||  
DB 81 GAFLIRS 88

## RESULT 36

US-08-986-659B-30  
; Sequence 30, Application US/08986659B  
; Patent No. 6171591

## GENERAL INFORMATION:

APPLICANT: Hall, Stephen G.  
TITLE OF INVENTION: RECOMBINANT NODAVIRUS RELATED  
TITLE OF INVENTION: COMPOSITIONS AND METHODS  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Olson & Hiertl, Ltd.  
STREET: 20 No. 61/1591th Wacker Drive, 36th Floor  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/986,659B  
FILING DATE: 08-DEC-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

## FILING DATE:

## ATTORNEY/AGENT INFORMATION:

NAME: Talivaldis Cepaitis  
REGISTRATION NUMBER: 20,818  
REFERENCE/DOCKET NUMBER: 549.0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-580-1180  
TELEFAX: 312-580-1189  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:

LENGTH: 24 amino acids

TYPE: amino acid

STRANDEDNESS: N/A

TOPOLOGY: unknown

MOLECULE TYPE: peptide

US-08-986-659B-30

Query Match 2.7%; Score 7; DB 4; Length 24;  
Best Local Similarity 100.0%; Pred. No. 7.7;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 43 FPAGGPA 49  
|||||  
DB 15 FPAGGPA 21

## RESULT 37

US-08-734-607B-17  
; Sequence 17, Application US/08734607B  
; Patent No. 6210913

## GENERAL INFORMATION:

APPLICANT: Phillips, David  
APPLICANT: Law, Debbie A.  
APPLICANT: Alaimo, Lisa N.

TITLE OF INVENTION: Modulation of Integrin-mediated Signal Transduction

FILE REFERENCE: 4481-5008-01-US

CURRENT APPLICATION NUMBER: US/08/734,607B

CURRENT FILING DATE: 1996-10-18

PRIOR APPLICATION NUMBER: US 60/005,567  
PRIOR FILING DATE: 1995-10-18

NUMBER OF SEQ ID NOS: 27

SOFTWARE: Patent in Ver. 2.1

SEQ ID NO 17

LENGTH: 58

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: GP11a Beta 6 subunit

US-08-734-607B-17

Query Match 2.7%; Score 7; DB 4; Length 58;  
Best Local Similarity 100.0%; Pred. No. 18;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 EAERSKA 35  
|||||  
DB 16 EAERSKA 22

## RESULT 38

US-08-905-223-449  
; Sequence 449, Application US/08905223  
; Patent No. 622029

## GENERAL INFORMATION:

APPLICANT: Edwards, Jean-Baptiste D.

APPLICANT: Doleit, Aymeric

APPLICANT: Lacroix, Bruno

TITLE OF INVENTION: 5' ESTs FOR SECRETED PROTEINS

NUMBER OF SEQUENCES: 503

CORRESPONDENCE ADDRESS:

ADDRESSEE: knobbe, Martens, Olson & Bear

STREET: 501 West Broadway

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92101-3505

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Windows

SOFTWARE: Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/905,223

FILING DATE:

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Israelien, Ned A.

REGISTRATION NUMBER: 29,655

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 235-0176

TELEFAX: (619) 235-0176

INFORMATION FOR SEQ ID NO: 449:

SEQUENCE CHARACTERISTICS:

LENGTH: 82 amino acids

TYPE: AMINO ACID

TOPOLOGY: LINEAR

MOLECULE TYPE: PROTEIN

ORIGINAL SOURCE:

ORGANISM: Homo Sapiens

TISSUE TYPE: Brain

FEATURE:

NAME/KEY: sig peptide

LOCATION: -39--1

IDENTIFICATION METHOD: Von Heijne matrix

OTHER INFORMATION: score 5.9

OTHER INFORMATION: seq SVSYLSIGIYLA/VV

US-08-905-223-449

Query Match 2.7%; Score 7; DB 4; Length 82;  
Best Local Similarity 100.0%; Pred. No. 25;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 203 DIPLPVT 209  
Db 16 DIPLPVT 22

## RESULT 39

US-08-978-404B-10  
Sequence 10, Application US/08978404B

Patent No. 5968782

GENERAL INFORMATION:

APPLICANT: Stevens, Richard L.

TITLE OF INVENTION: MAST CELL PROTEASE THAT CLEAVES

NUMBER OF SEQUENCES: 74

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue

CITY: Boston

STATE: MA

COUNTRY: U.S.A.

ZIP: 02210-2211

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/978,404B

FILING DATE: 25-NOV-97

CLASSIFICATION: 435

PRIOR APPLICATION NUMBER: 60/032,354

APPLICATION NUMBER: 36,637

FILING DATE: 04-DEC-1996

ATTORNEY/AGENT INFORMATION:

NAME: Plumer, Elizabeth R.

REGISTRATION NUMBER: 36,637

REFERENCE/DOCKET NUMBER: 80801/7090

TELEPHONE: 617-720-3500

TELEFAX: 617-720-2441

TELEX:

GENERAL INFORMATION:

SEQUENCE CHARACTERISTICS:

LENGTH: 269 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. 5968782e

US-08-978-404B-10

QY 10 SLSPSP 16

Db 136 SLSPSP 142

Query Match 2.7%; Score 7; DB 2; Length 269;

Best Local Similarity 100.0%; Pred. No. 79;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

## RESULT 40

US-08-522-813-4

Sequence 4, Application US/08522813

Patent No. 6033848

GENERAL INFORMATION:

APPLICANT: Braxton, Scott M

APPLICANT: Diep, Dinh

TITLE OF INVENTION: HUMAN ICE HOMOLOG

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3330 Hillview Avenue

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/522,813

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Luther, Barbara J.

REGISTRATION NUMBER: 33954

REFERENCE/DOCKET NUMBER: PF-0045P

TELEPHONE: 415-855-0555

TELEFAX: 415-852-0195

INFORMATION FOR SEQ. ID NO. 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 278 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-522-813-4

Query Match 2.7%; Score 7; DB 3; Length 278;

Best Local Similarity 100.0%; Pred. No. 82;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109

Db 77 KAEELL 83

## RESULT 41

US-08-858-207A-331

Sequence 331, Application US/08858207A

Patent No. 6348328

GENERAL INFORMATION:

APPLICANT: Black, Michael

APPLICANT: Hodgson, John

APPLICANT: Knowles, David

APPLICANT: Nicholas, Richard

TITLE OF INVENTION: No. 6348328el Compounds

NUMBER OF SEQUENCES: 352

CORRESPONDENCE ADDRESS:

ADDRESSEE: SmithKline Beecham Corporation

STREET: 709 Swedeland Road

CITY: King of Prussia

STATE: PA

COUNTRY: USA

ZIP: 19406-0939

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/858,207A

FILING DATE: 09-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/017670

FILING DATE: 14-MAY-1996

ATTORNEY/AGENT INFORMATION:

NAME: Gimm, Edward R.

REGISTRATION NUMBER: 38,891

REFERENCE/DOCKET NUMBER: P50475



TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-4478  
TELEFAX: 610-270-5090  
TELEX:  
INFORMATION FOR SEQ ID NO: 331:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 286 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 6340328e  
US-08-858-207A-331

Query Match 2.7%; Score 7; DB 4; Length 286;  
Best Local Similarity 100.0%; Pred. No. 84;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 AVALGSF 43  
DB 5 AVALGSF 11

RESULT 42  
US-08-446-925-5  
Sequence 5, Application US/08446925  
Patent No. 5672500  
GENERAL INFORMATION:  
APPLICANT: Litwack, Gerald  
APPLICANT: Alnemri, Emed S.  
TITLE OF INVENTION: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE  
TITLE OF INVENTION: PROTEASE,  
TITLE OF INVENTION: AND COMPOSITIONS FOR MAKING AND  
TITLE OF INVENTION: METHODS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
ADDRESSEE: No. 567250018  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/446,925  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TUN-1508  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 293 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-446-925-5

Query Match 2.7%; Score 7; DB 1; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KABELL 109

DB 92 KABELL 98

RESULT 43  
US-09-146-331-5  
Sequence 5, Application US/09146331  
Patent No. 5958720  
GENERAL INFORMATION:  
APPLICANT: Litwack, Gerald  
APPLICANT: Alnemri, Emed S.  
TITLE OF INVENTION: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE  
TITLE OF INVENTION: PROTEASE, AND COMPOSITIONS FOR MAKING AND  
TITLE OF INVENTION: METHODS OF USING THE SAME  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
ADDRESSEE: No. 595872018  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/146,331  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/896,885  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TUN-1508  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 293 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-146-331-5

Query Match 2.7%; Score 7; DB 2; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KABELL 109  
DB 92 KABELL 98

RESULT 44  
US-08-896-885-5  
Sequence 5, Application US/08896885  
Patent No. 5985640  
GENERAL INFORMATION:  
APPLICANT: Litwack, Gerald  
APPLICANT: Alnemri, Emed S.  
TITLE OF INVENTION: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE  
TITLE OF INVENTION: PROTEASE, AND COMPOSITIONS FOR MAKING AND  
TITLE OF INVENTION: METHODS OF USING THE SAME  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:

ADDRESS: Woodcock, Washburn, Kurtz, Mackiewicz &  
ADDRESS: No. 598564018  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: PC-DOS/MS-DOS  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/996,885  
FILING DATE: 18-JUL-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/446,925  
FILING DATE: 18-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-1508  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 293 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-896-885-5

Query Match 2.7%; Score 7; DB 2; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109  
DB 92 KAEELL 98

RESULT 45  
US-09-375-256-5  
Sequence 5, Application US/09375256  
Patent No. 6359127  
GENERAL INFORMATION:  
APPLICANT: Litwack, Gerald  
Alnemri, Emad S.  
Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE  
PROTEASE,  
AND COMPOSITIONS FOR MAKING AND  
METHODS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESS: Woodcock, Washburn, Kurtz, Mackiewicz &  
No. 635912718  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/375,256  
FILING DATE: 16-Aug-1999  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/446,925  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-1508  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 293 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-375-256-5

Query Match 2.7%; Score 7; DB 4; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109  
DB 92 KAEELL 98

RESULT 46  
US-09-561-756-21  
Sequence 21, Application US/09561756  
Patent No. 6376226  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES  
FILE REFERENCE: 480140, 431  
CURRENT APPLICATION NUMBER: US/09/561,756  
CURRENT FILING DATE: 2000-04-26  
PRIOR FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 116  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 21  
LENGTH: 293  
TYPE: PRT  
ORGANISM: Homo sapien  
US-09-561-756-21

Query Match 2.7%; Score 7; DB 4; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109  
DB 92 KAEELL 98

RESULT 47  
US-09-227-721-21  
Sequence 21, Application US/09227721  
Patent No. 6379950  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES  
FILE REFERENCE: 480140, 431  
CURRENT APPLICATION NUMBER: US/09/227,721  
CURRENT FILING DATE: 1999-01-08  
NUMBER OF SEQ ID NOS: 116  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 21  
LENGTH: 293

TYPE: PRT  
ORGANISM: Homo sapien  
US-09-227-721-21

Query Match 2.7%; Score 7; DB 4; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109  
Db 92 KAEELL 98

## RESULT 48

US-08-983-502-31  
Sequence 31, Application US/08983502

Patent No. 6399327  
GENERAL INFORMATION:

APPLICANT: David WALLACH  
APPLICANT: Mark P. BOLDIN  
APPLICANT: Tanya M. GONCHAROV  
APPLICANT: Yury V. GOLTSEV  
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS  
TITLE OF INVENTION: AND OTHER PROTEINS  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Browdy and Neimark  
STREET: 419 Seventh Street N.W., Ste. 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/983,502  
FILING DATE: 16-JAN-1998

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/10521  
FILING DATE: 14-JUN-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 114,615  
FILING DATE: 16-JUL-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 114,986  
FILING DATE: 17-AUG-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 115,319  
FILING DATE: 14-SEP-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 116,588  
FILING DATE: 27-DEC-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 117,932  
FILING DATE: 16-APR-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Browdy, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: WALLACH-19

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 628-5197  
TELEFAX: (202) 737-3528

INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:

LENGTH: 293 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-983-502-31

Query Match 2.7%; Score 7; DB 4; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109  
Db 92 KAEELL 98

## RESULT 49

US-09-376-156-5  
Sequence 5, Application US/09376156

Patent No. 6407215  
GENERAL INFORMATION:

APPLICANT: Litwack, Gerald  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE  
PROTEASE,  
TITLE OF INVENTION: AND COMPOSITIONS FOR MAKING AND  
METHODS  
TITLE OF INVENTION: OF USING THE SAME  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/376,156  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/446,925  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229

REFERENCE/DOCKET NUMBER: TUD-1508  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:

LENGTH: 293 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-376-156-5

Query Match 2.7%; Score 7; DB 4; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109  
Db 92 KAEELL 98

## RESULT 50

PCT-US96-10521-31

Sequence 31, Application PC/TUS9610521

GENERAL INFORMATION:  
APPLICANT:

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS  
TITLE OF INVENTION: AND OTHER PROTEINS  
NUMBER OF SEQUENCES: 34  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/10521  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 114,615  
FILING DATE: 16-JUL-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 114,986  
FILING DATE: 17-AUG-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 115,319  
FILING DATE: 14-SEP-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 116,588  
FILING DATE: 27-DEC-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: IL 117,932  
FILING DATE: 16-APR-1996  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 293 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-10521-31

Query Match 2.7%; Score 7; DB 5; Length 293;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 103 KAEELL 109  
|||  
Db 92 KAEELL 98

Search completed: March 24, 2003, 16:08:55  
Job time : 20 secs